

Board - CBSE

Class - 6th

Topic - Data Handling

Exercise - 9.2

1. the Total number of animals in five villages are as follows:

Village A : 80

Village B : 120

Village C : 90

Village D : 40

Village E : 60

Prepare a pictograph of these animals using one symbol \otimes to represent 10 animals and answer the following questions:

- (a) How many symbols represent animals of village E?
(b) Which village has the maximum number of animals?
(c) Which village has more animals: village A or village C?


Ans. From the given information, we have

Villages	Number of animals	$\otimes = 10$ animals
A	80	$\otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes$
B	120	$\otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes$
C	90	$\otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes \otimes$
D	40	$\otimes \otimes \otimes \otimes$
E	60	$\otimes \otimes \otimes \otimes \otimes \otimes$

- (a) Six symbols are used to represent the number of animals in village E.
(b) Village B has the maximum number of animals, i.e., 120
(c) Village C has more animals.

2. Total number of students of a school in different years is shown in the following table:

Years	Number of students
1996	400
1998	535
2000	472
2002	600
2004	623































A. Prepare a pictograph of students using one symbol  to represent 100 students and answer the following questions

(b) How many symbols represent the total number of students for the year 1998?

B. Prepare another pictograph of students using any other symbol each representing 50 students.

























































Which pictograph do you find more informative?

Ans. A. From the given information, we have

Year	Number of students	 = 100 students
1996		   
1998		      
2000		    
2002		     
2004		      

(a) Six symbols represent the total number of students in the year 2002.

(b) 5 complete and 1 incomplete symbols represent total number of students for the year 1998.

Year	Number of Students	 = 50 students
1996		        
1998		           
2000		        
2002		           
2004		            

Pictograph(B) is more informative.